

#### Program Assessment Report due 11/21/14

Program or Certificate: Associations of Arts – Economics Academic Year Assessed: Program Lead Faculty: Department Chair: Ginny Stowitts Traina

Program Learning Outcome #1	Explain the role of scarcity, specialization, opportunity cost and cost/benefit analysis in economic decision-making.
Courses in the degree plan that address this outcome	Econ. 2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	74.5 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met New action plan for improvement of student learning	Target Met
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>



Program Learning	: Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and
Outcome #2	demand curves on equilibrium price and output.
Courses in the degree plan that address this outcome	Econ. 2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	60.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring.</li> <li>Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>



Program Learning Outcome #3	Define and measure national income and rates of unemployment and inflation.
Courses in the degree plan that address this outcome	Econ.2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	51.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring.</li> <li>Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #4	Identify the phases of the business cycle and the problems caused by cyclical fluctuations in the market economy.



Courses in the degree plan that address this outcome	Econ.2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	62.5 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #1	Explain the role of scarcity, specialization, opportunity cost and cost/benefit analysis in economic decision-making.
Courses in the degree plan that address this outcome	Econ. 2301



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Target Met
<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
: Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
Econ. 2301
Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.



Targets for	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
Achievement	learning outcome.
Results	60.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring.</li> <li>Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
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Targets for	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
Achievement	learning outcome.
Results	51.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring.</li> <li>Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #5	Define money and the money supply; describe the process of money creation by the banking system and the role of the central bank.
Courses in the degree plan that address this outcome	Econ.2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	83.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Met



<ul> <li>Evaluation of previous cycle's action plans: There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring.</li> <li>Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Construct the aggregate demand and aggregate supply model of the macro economy and use it to illustrate macroeconomic problems and potential monetary and fiscal policy solutions.
Econ.2301
Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
70.5 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met



Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #7	Explain the mechanics and institutions of international trade and their impact on the macro economy.
Courses in the degree plan that address this outcome	Econ.2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	59.5 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>



Program Learning Outcome #8	Define and analyze economic data in order to reach informed conclusions about those data.
Courses in the degree plan that address this outcome	Econ.2301
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	61.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #9	Express oneself with precision and clarity, whether orally or in writing.
Courses in the degree plan that address this outcome	Econ.2301



Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for	
Achievement	
Results	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>



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Program Learning Outcome #1	Explain the role of scarcity, specialization, opportunity cost and cost/benefit analysis in economic decision-making
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	87.1 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Met
New action plan for	
improvement of	
student learning	
Evaluation of previous	• There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was
cycle's action plans	changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester.
	From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of
	the problem with students succeeding in Economics courses was a lack of consistent tutoring.
	Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.



Program Learning Outcome #2	Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course
Targets for Achievement	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course
Results	82.8 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #3	Summarize the law of diminishing marginal utility; describe the process of utility maximization.
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.



Targets for	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
Achievement	learning outcome.
Results	71.6 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Met
New action plan for improvement of	
student learning Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs</li> </ul>
Program Learning Outcome #4	Calculate supply and demand elasticity; identify the determinants of price elasticity of demand and supply, and demonstrate the relationship between elasticity and total revenue.
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	47.5 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met



New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #5	Describe the production function and Law of Diminishing Marginal Productivity; calculate the graph short-run and long-run costs of production.
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	63.0 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Not Met
New action plan for improvement of student learning	
Evaluation of previous cycle's action plans	• There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of



	the problem with students succeeding in Economics courses was a lack of consistent tutoring.
	Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus
	the hiring of a part-time tutor in the tutoring labs.
Program Learning	Identify the four market structures by characteristics; calculate and graph the profit maximizing price and quality in the
Outcome #6	output markets by use of marginal analysis.
Courses in the degree	Econ. 2302
plan that address this	
outcome	
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for
	this course.
Targets for	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
Achievement	learning outcome.
Results	88.6 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met	Target Met
New action plan for	
improvement of	
student learning	
Evaluation of previous	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was</li> </ul>
cycle's action plans	changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester.
	From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of
	the problem with students succeeding in Economics courses was a lack of consistent tutoring.
	Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus
	the hiring of a part-time tutor in the tutoring labs.



Program Learning	Determine the profit maximizing price and quality of resources in factor markets under perfect and imperfect
Outcome #7	competition by use of marginal analysis.
Courses in the degree plan that address this outcome	Econ. 2302
Assessment Method	Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course
Targets for Achievement	70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program learning outcome.
Results	58.6 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Met or Not Met New action plan for improvement of student learning	Target Not Met
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Program Learning Outcome #8	Describe governmental efforts to address market failure such as monopoly power, externalities, and public goods.
Courses in the degree plan that address this outcome	Econ. 2302



Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course
70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
learning outcome.
63.8 percent of students enrolled in this courses successfully answered the questions for this outcome.
Target Not Met
<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>
Identify the benefits of free trade using the concept of comparative advantage.
Econ. 2302
Instructors choose specific question tied to this outcome from a bank of questions to be used on the final exam for this course.
70 percent of students enrolled in Econ. 2301 will successfully answer the questions focusing on this program
learning outcome.
66.4 percent of students enrolled in this courses successfully answered the questions for this outcome.



Target Met or Not Met	Target Not Met
New action plan for improvement of	
student learning	
Evaluation of previous cycle's action plans	<ul> <li>There is no comparable data from Spring, 2010 to Spring, 2014 since the SLO's for Economics courses was changed by the changed in the Lower-Division Academic Course Manual effective for Spring, 2014 semester. From the Spring, 2010 program assessment report, however, the Economics faculty did determine that part of the problem with students succeeding in Economics courses was a lack of consistent tutoring. Consequently, tutoring has been improved with Ms. Roman dedicating non-classroom hours to tutoring plus the hiring of a part-time tutor in the tutoring labs.</li> </ul>